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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/015,115

DATE: 10/02/2002
TIME: 14:23:47

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3 <110> APPLICANT: Malyankar, Uriel M
 4 Shenoy, Suresh G
 5 Spytek, Kimberly A
 6 Zerhusen, Bryan D
 7 Patturajan, Meera
 8 Guo, Xiaojaia
 9 Kekuda, Ramesha
 10 Gangolli, Esha A
 11 Shimkets, Richard A
 12 Taupier, Raymond J
 13 Li, Li
 14 Padigaru, Muralidhara
 16 <120> TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
 17 Using the Same
 19 <130> FILE REFERENCE: 21402-211
 21 <140> CURRENT APPLICATION NUMBER: 10/015,115
 C--> 22 <141> CURRENT FILING DATE: 2002-09-23
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 25 <151> PRIOR FILING DATE: 2000-11-13
 27 <150> PRIOR APPLICATION NUMBER: 60/249,598
 28 <151> PRIOR FILING DATE: 2000-11-17
 30 <150> PRIOR APPLICATION NUMBER: 60/264,240
 31 <151> PRIOR FILING DATE: 2001-01-26
 33 <150> PRIOR APPLICATION NUMBER: 60/266,127
 34 <151> PRIOR FILING DATE: 2001-02-02
 36 <150> PRIOR APPLICATION NUMBER: 60/269,562
 37 <151> PRIOR FILING DATE: 2001-02-16
 39 <150> PRIOR APPLICATION NUMBER: 60/304,348
 40 <151> PRIOR FILING DATE: 2001-07-10
 42 <150> PRIOR APPLICATION NUMBER: 60/309,261
 43 <151> PRIOR FILING DATE: 2001-07-31
 45 <150> PRIOR APPLICATION NUMBER: 60/313,283
 46 <151> PRIOR FILING DATE: 2001-08-17
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 53 <211> LENGTH: 1668
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 55 <213> ORGANISM: Homo sapiens
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 63 gactctcagg aatacacaga gtacgctgtg aagagtcttt ccaatgaaaa ctatgggtt 360
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 73 gaccqtagtg gctccaaaga aggtttttat atgtacattt agacaaicacg acccagattt 960
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 100 Phe Asn Val Lys Pro Arg Glu Ala Leu Val Gln Leu Ile Val Gln Tyr
 101 35 40 45
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 104 50 55 60
 106 Arg Ser Val Thr Met Ser Cys Arg Val Leu Arg Ala Tyr Pro Ile Arg
 107 65 70 75 80
 109 Val Leu Thr Tyr Glu Trp Arg Leu Gly Asn Lys Leu Leu Arg Thr Gly
 110 85 90 95
 112 Gln Phe Asp Ser Gln Glu Tyr Thr Glu Tyr Ala Val Lys Ser Leu Ser
 113 100 105 110
 115 Asn Glu Asn Tyr Gly Val Tyr Asn Cys Ser Ile Ile Asn Glu Ala Gly
 116 115 120 125
 118 Ala Gly Arg Cys Ser Phe Leu Val Thr Gly Gly Lys Ala Tyr Ala Pro
 119 130 135 140
 121 Glu Phe Tyr Tyr Asp Thr Tyr Asn Pro Val Trp Gln Asn Arg His Arg

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Input Set : A:\Cura-511.app
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127	Asp	Arg	Ile	Val	Ala	Tyr	Arg	Leu	Gly	Ile	Arg	Gln	Ala	Gly	Gln	Gln
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130	Arg	Trp	Trp	Glu	Gln	Glu	Ile	Lys	Ile	Asn	Gly	Asn	Ile	Gln	Lys	Gly
131																205
133	Glu	Leu	Ile	Thr	Tyr	Asn	Leu	Thr	Glu	Leu	Ile	Lys	Pro	Glu	Ala	Tyr
134																220
136	Glu	Val	Arg	Leu	Thr	Pro	Leu	Thr	Lys	Phe	Gly	Glu	Gly	Asp	Ser	Thr
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139	Ile	Arg	Val	Ile	Lys	Tyr	Ser	Pro	Val	Asn	Pro	His	Leu	Ser	Glu	Phe
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142	His	Cys	Gly	Phe	Glu	Asp	Gly	Asn	Ile	Cys	Leu	Phe	Thr	Gln	Asp	Asp
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154	Glu	Lys	Ala	Arg	Leu	Leu	Ser	Pro	Val	Phe	Ser	Ile	Ala	Pro	Ala	Leu
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157	Phe	Ser	Ala	Arg	Leu	Leu	Ser	Pro	Val	Phe	Ser	Ile	Ala	Pro	Lys	Asn
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160	Pro	Tyr	Gly	Pro	Thr	Asn	Thr	Ala	Tyr	Cys	Phe	Ser	Phe	Phe	Tyr	His
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179																460
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DATE: 10/02/2002
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Input Set : A:\Cura-511.app
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 198 tacgggtgct gacctatgag tggcgcttgg gcaataaattt attacggacg ggtcaattt 300
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 201 aggcctatgc tccagaattc tattatgata cctacaatcc agtatggcag aacagacaco 480
 202 gtgttatttc ttacagtcta cagtggacac agatgaatcc tgatgcagt gatcggttt 540
 203 ttgcataccg gttggccatc aggccaggctg gacagcagcg ctgggggag caggagatta 600
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 206 caattcgtgt gatcaaataat agtgcctcg taaatcctca ttgagagaaa ttccattgtg 780
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 209 accgttagtgg ctccaaagaa gggttttata tggatcattga gacatcacca cccagattgg 960
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 217 cctctatctt aagtccctcgaa aggtgacccat atcctggcag aggctataaa agattccacca 1440
 218 ggcactggca tgaagaaaaga gtctttgtaa atggacattt aacaaacaaa ctaccaaaga 1500
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 236 35 40 45
 238 Pro Pro Ala Val Glu Pro Ala Phe Leu Glu Ile Arg Gln Gly Gln Asp
 239 50 55 60
 241 Arg Ser Val Thr Met Ser Cys Arg Val Leu Arg Ala Tyr Pro Ile Arg
 242 65 70 75 80
 244 Val Leu Thr Tyr Glu Trp Arg Leu Gly Asn Lys Leu Leu Arg Thr Gly
 245 85 90 95
 247 Gln Phe Asp Ser Gln Glu Tyr Thr Glu Tyr Ala Val Lys Ser Leu Ser
 248 100 105 110
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 251 115 120 125
 253 Ala Gly Arg Cys Ser Phe Leu Val Thr Gly Lys Ala Tyr Ala Pro Glu
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RAW SEQUENCE LISTING DATE: 10/02/2002
 PATENT APPLICATION: US/10/015,115 TIME: 14:23:47

Input Set : A:\Cura-511.app
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262	Arg Ile Val Ala Tyr Arg Leu Gly Ile Arg Gln Ala Gly Gln Gln Arg			
263	180	185	190	
265	Trp Trp Glu Gln Glu Ile Lys Ile Asn Gly Asn Ile Gln Lys Gly Glu			
266	195	200	205	
268	Leu Ile Thr Tyr Asn Leu Thr Glu Leu Ile Lys Pro Glu Ala Tyr Glu			
269	210	215	220	
271	Val Arg Leu Thr Pro Leu Thr Lys Phe Gly Glu Gly Asp Ser Thr Ile			
272	225	230	235	240
274	Arg Val Ile Lys Tyr Ser Ala Pro Val Asn Pro His Leu Arg Glu Phe			
275	245	250	255	
277	His Cys Gly Phe Glu Asp Gly Asn Ile Cys Leu Phe Thr Gln Asp Asp			
278	260	265	270	
280	Thr Asp Asn Phe Asp Trp Thr Lys Gln Ser Thr Ala Thr Arg Asn Thr			
281	275	280	285	
283	Lys Tyr Thr Pro Asn Thr Gly Pro Asn Ala Asp Arg Ser Gly Ser Lys			
284	290	295	300	
286	Glu Gly Phe Tyr Met Tyr Ile Glu Thr Ser Arg Pro Arg Leu Glu Gly			
287	305	310	315	320
289	Glu Lys Ala Arg Leu Leu Ser Pro Val Phe Ser Ile Ala Pro Lys Asn			
290	325	330	335	
292	Pro Tyr Gly Pro Thr Asn Thr Ala Tyr Cys Phe Ser Phe Phe Tyr His			
293	340	345	350	
295	Met Tyr Gly Gln His Ile Gly Val Leu Asn Val Tyr Leu Arg Leu Lys			
296	355	360	365	
298	Gly Gln Thr Thr Ile Glu Asn Pro Leu Trp Ser Ser Gly Asn Lys			
299	370	375	380	
301	Gly Gln Arg Trp Asn Glu Ala His Val Asn Ile Tyr Pro Ile Thr Ser			
302	385	390	395	400
304	Phe Gln Leu Ile Phe Glu Gly Ile Arg Gly Pro Gly Ile Glu Gly Asp			
305	405	410	415	
307	Ile Ala Ile Asp Asp Val Ser Ile Ala Glu Gly Glu Cys Ala Lys Gln			
308	420	425	430	
310	Asp Leu Ala Thr Lys Asn Ser Val Asp Gly Ala Val Gly Ile Leu Val			
311	435	440	445	
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/02/2002
PATENT APPLICATION: US/10/015,115 TIME: 14:23:48

Input Set : A:\Cura-511.app
Output Set: N:\CRF4\10022002\J015115.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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